

Fig. 1

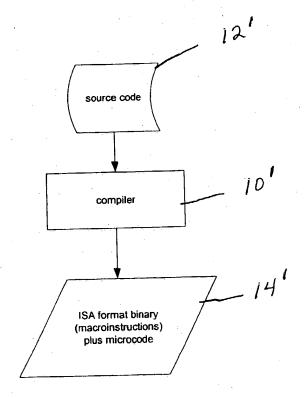
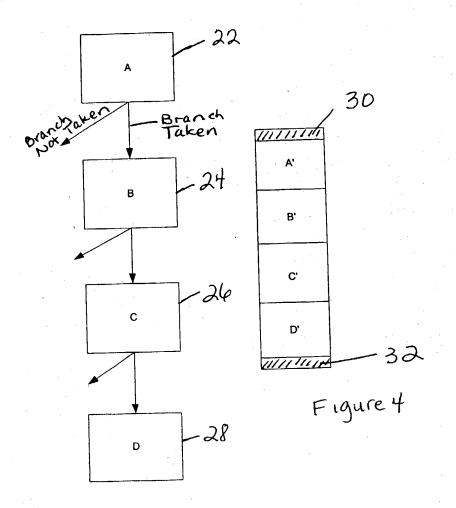


Fig. 2



F19. 3

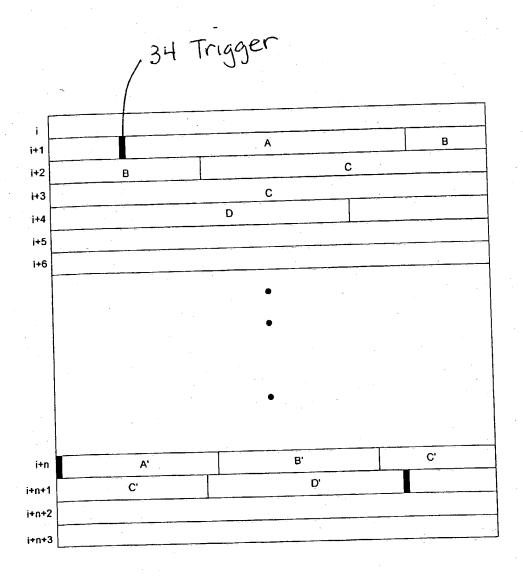


Fig. 5

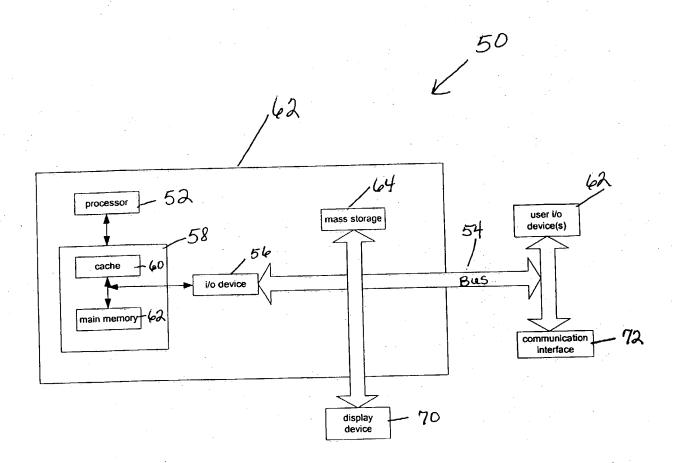


Fig 6



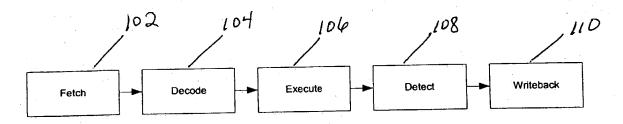


Fig. 7

100

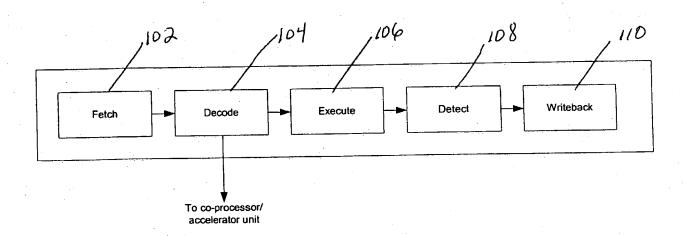


Fig. 8



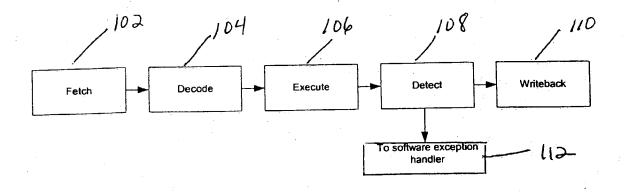
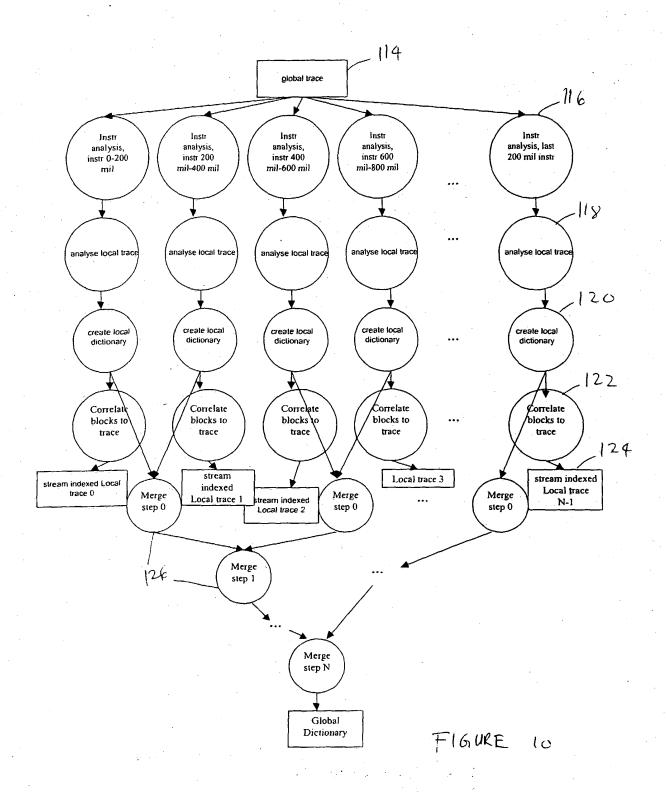


Fig. 9



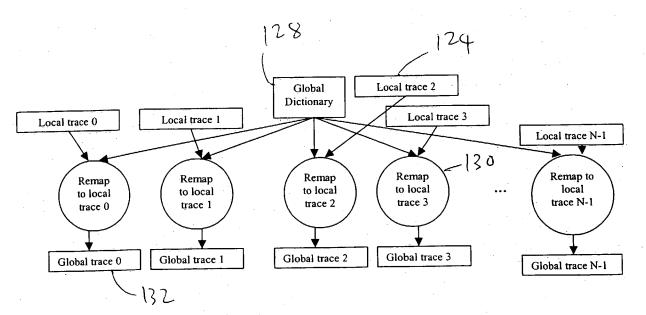


FIGURE 11

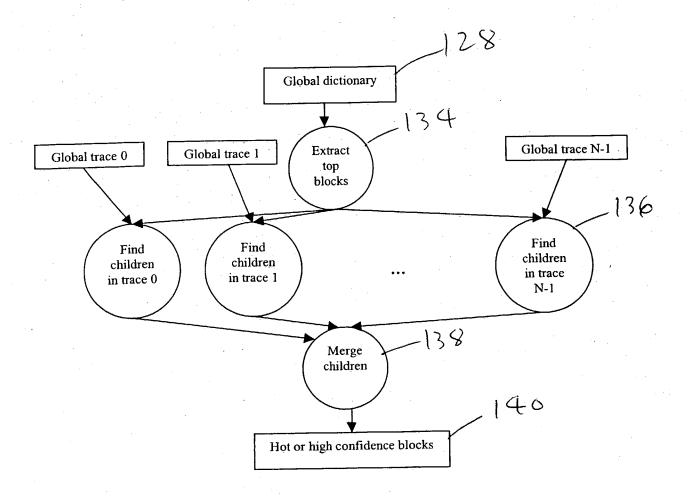


FIGURE 12

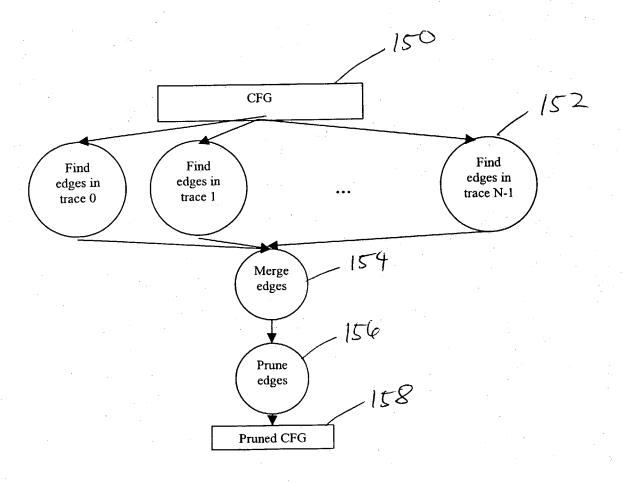


FIGURE 13

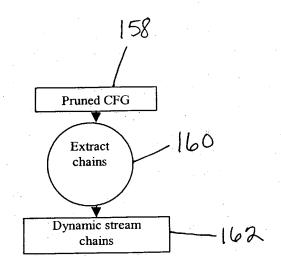


FIGURE 14

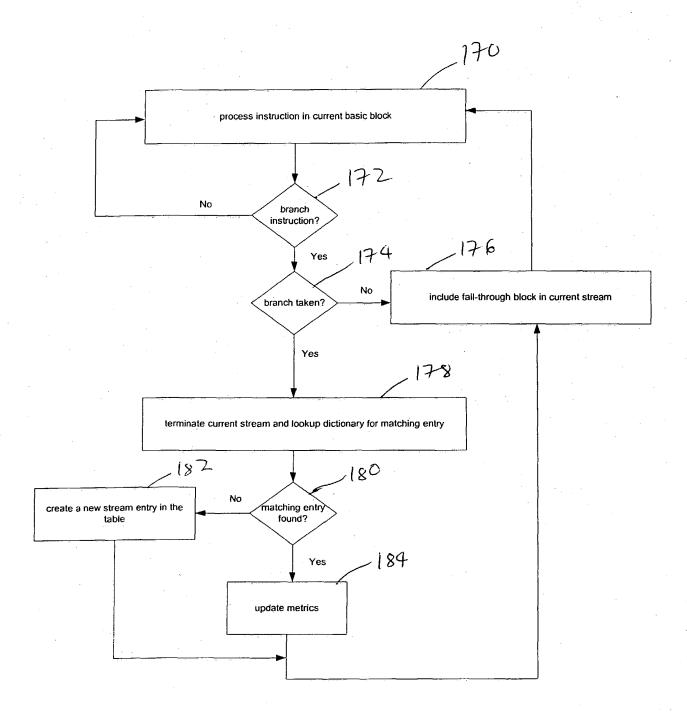


FIGURE 15

Stream Identifier Start ip End ip Coverage/ Frequency #predicate true #Id

FIGURE 16

select hot streams eg. rank global stream dictionary based on coverage or other metric

707

for each hot stream scan stream trace to find high-confidence children

FIGURE 17

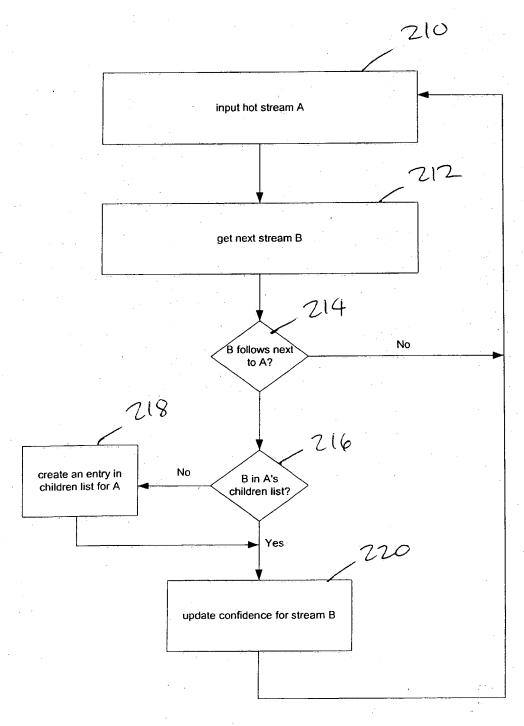
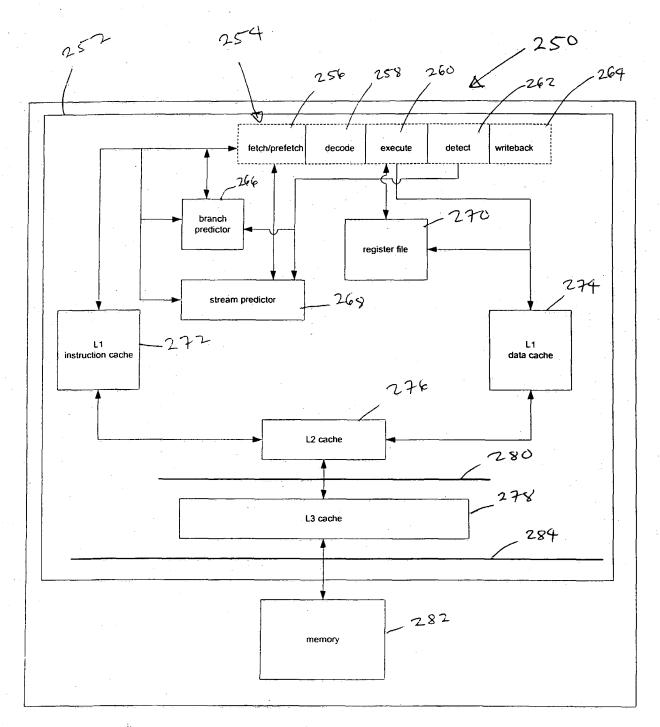


FIGURE 18



F164RE 19

300

Stream Dictionary

	*	
start ip	end ip	ip for next stream
Α	A+8	
Α	A+16	
В	B+24	

Flaure 20

Stream Dictionary

302

start ip	end ip	ip for next steam1	ip for next stream 2		

FIGURE 21

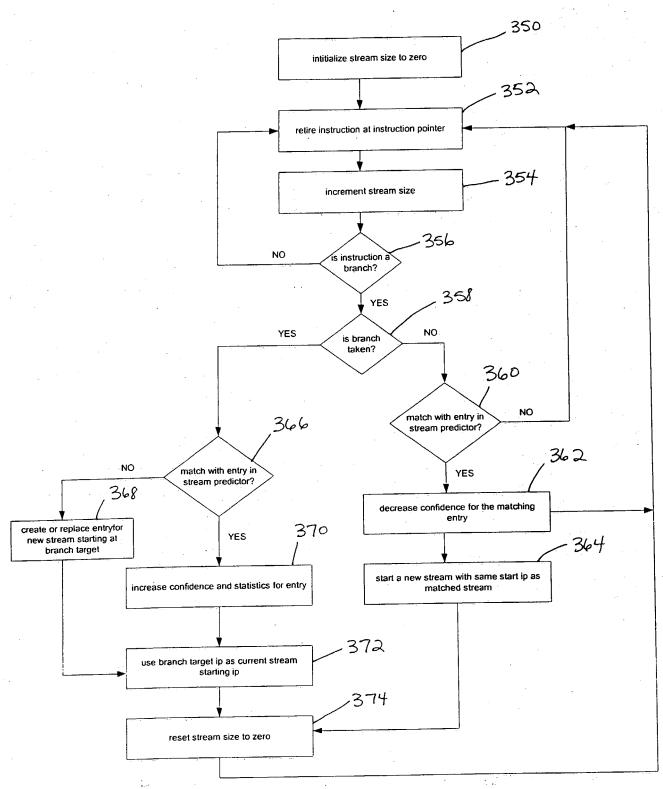


FIGURE 22

400

## STREAM PREDICTOR TABLE

INPUT STREAM/BLOCK		TARGET STREAM/BLOCK				
start ip	end ip	start ip	end ip	stream/normal	confidence	
				***************************************		
			· · · · · · · · · · · · · · · · · · ·			
		· · · · · ·				
·						
				<del></del>		
		,				
				·		

FIGURE 23

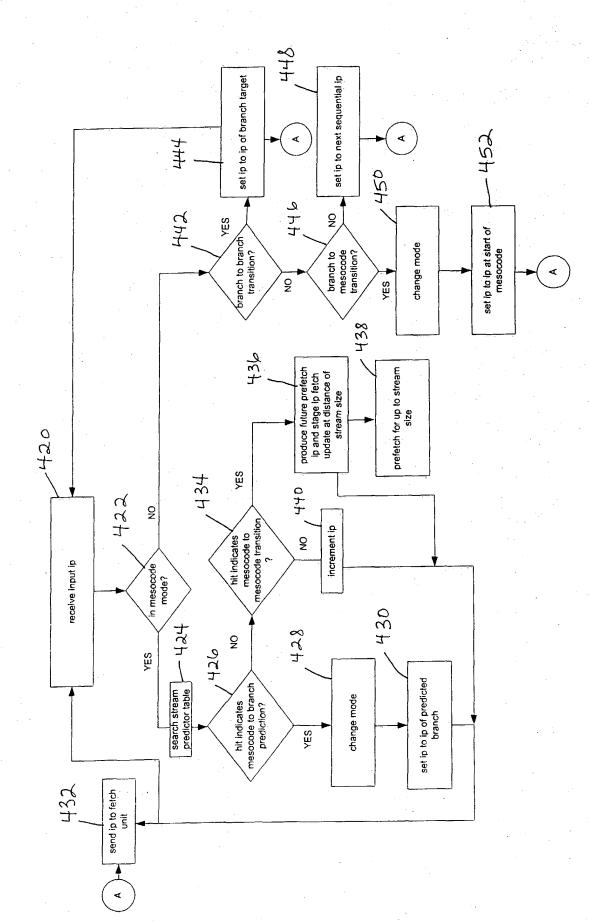
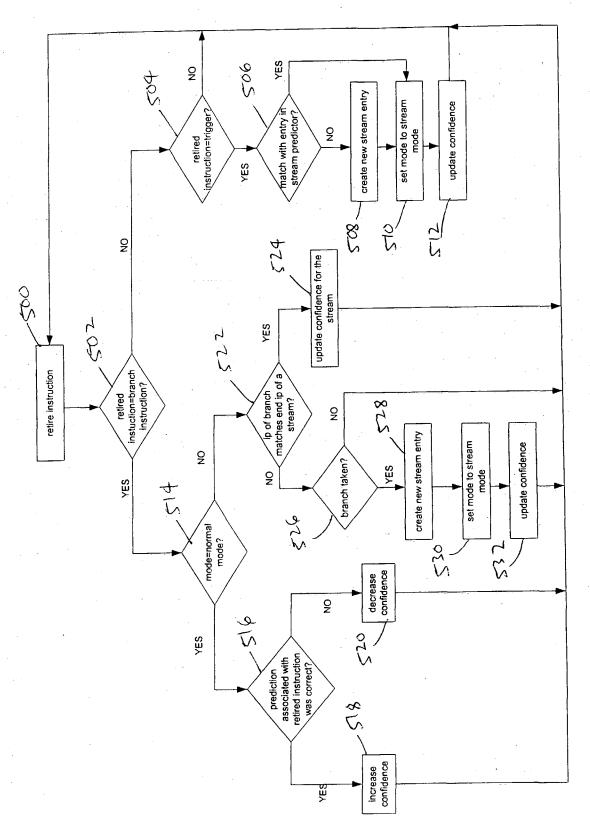


FIGURE 24



F164RE 25